

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended): An optical filtering component, comprising:

a tunable and wavelength selective filter capable of transmitting the light in a narrow optical spectral band centered around a given wavelength and capable of reflecting the light whose wavelength is outside said band;

an input guide conducting light radiation to the filters, wherein the input guide conducts the radiation to the filter in order to perform a first pass through it; and

means for returning a first part of the radiation reflected by the filter during the first pass in order to perform a second pass through it; and collimation means common to the input guide, to the return means and to a a [[the]] second output guide.

2. (currently amended): The optical filtering component as claimed in claim 1, wherein ~~the comprising~~ a second output guide conducting a fourth part of the radiation reflected by the filter during the second pass.

3. (previously presented): The optical filtering component as claimed in claim 1, wherein a lens arranged between, on the one hand, the filter and, on the other hand, the input guide, the return means and the second output guide.

4. (previously presented): The optical filtering component as claimed in claim 3, wherein the lens is a graded index lens.

5. (previously presented): The optical filtering component as claimed in claim 4, wherein the lens is such that its object focal plane coincides with an input face of the lens .

6. (previously presented): The optical filtering component as claimed in claim 1, wherein the return means direct the first part of the radiation to the filter, with the same incidence as the input guide.

7. (previously presented): The optical filtering component as claimed in claim 1, wherein it includes means for tuning the given wavelength.

8. (previously presented): The optical filtering component as claimed in claim 1, wherein it includes means for inserting replacement radiation whose length is substantially centered on the given wavelength.

9. (previously presented): The optical filtering component as claimed in claim 1, wherein the return means are produced by means for glass plate photolithography and ion exchange.

10. (previously presented): The optical filtering component as claimed in claim 1, wherein it includes means for amplifying the radiation reflected by the filter.

11. (original): The optical filtering component as claimed in claim 2, wherein it includes a lens arranged between, on the one hand, the filter and, on the other hand, the input guide, the return means and the second output guide.

12. (original): The optical filtering component as claimed in claim 3, wherein it includes a lens arranged between, on the one hand, the filter and, on the other hand, the input guide, the return means and the second output guide.

13. (original): The optical filtering component as claimed in claim 2, wherein the return means direct the first part of the radiation to the filter, with the same incidence as the input guide.

14. (original): The optical filtering component as claimed in claim 3, wherein the return means direct the first part of the radiation to the filter, with the same incidence as the input guide.

15. (original): The optical filtering component as claimed in claim 2, wherein it includes means for tuning the given wavelength.

16. (original): The optical filtering component as claimed in claim 3, wherein it includes means for tuning the given wavelength.

17. (original): The optical filtering component as claimed in claim 4, wherein it includes means for tuning the given wavelength.

18. (original): The optical filtering component as claimed in claim 2, wherein it includes means for inserting replacement radiation whose length is substantially centered on the given wavelength.

19. (original): The optical filtering component as claimed in claim 3, wherein it includes means for inserting replacement radiation whose length is substantially centered on the given wavelength.

20. (original): The optical filtering component as claimed in claim 2, wherein the return means are produced by means for glass plate photolithography and ion exchange.

21. (original): The optical filtering component as claimed in claim 3, wherein the return means are produced by means for glass plate photolithography and ion exchange.

22. (original): The optical filtering component as claimed in claim 2, wherein it includes means for amplifying the radiation reflected by the filter.

23. (original): The optical filtering component as claimed in claim 3, wherein it includes means for amplifying the radiation reflected by the filter.

24. (new) The optical filtering component as claimed in claim 1, wherein the input and output guides are distinct.